

## ABSTRACT

A transmitting-side performs an image analysis on a photographed two-dimensional image (100) and extracts a background image (101), an image (102) of a building, and an image (103) of an automobile. These extracted images are handled as objects. Moreover, a depth map is generated by applying a depth value to each dot. In addition, thickness information is applied. The thickness information may be applied to each dot or to each object.